

**CERTIFICATE OF COMPLIANCE  
FOR RADIOACTIVE MATERIALS PACKAGES**

1. a. CERTIFICATE NUMBER 5768	b. REVISION NUMBER 9	c. PACKAGE IDENTIFICATION NUMBER USA/5768/AF	d. PAGE NUMBER 1	e. TOTAL NUMBER PAGES 4
----------------------------------	-------------------------	---	---------------------	----------------------------

2. PREAMBLE

- This certificate is issued to certify that the packaging and contents described in Item 5 below, meets the applicable safety standards set forth in Title 10, Code of Federal Regulations, Part 71, "Packaging and Transportation of Radioactive Material."
- This certificate does not relieve the consignor from compliance with any requirement of the regulations of the U.S. Department of Transportation or other applicable regulatory agencies, including the government of any country through or into which the package will be transported.

3. THIS CERTIFICATE IS ISSUED ON THE BASIS OF A SAFETY ANALYSIS REPORT OF THE PACKAGE DESIGN OR APPLICATION

a. ISSUED TO (Name and Address)

Westinghouse Electric  
Corporation  
P.O. Box 355  
Pittsburgh, PA 15230

b. TITLE AND IDENTIFICATION OF REPORT OR APPLICATION

Babcock & Wilcox Company application  
dated January 29, 1982, as supplemented.

DOCKET NUMBER 71-5768

4. CONDITIONS

This certificate is conditional upon fulfilling the requirements of 10 CFR Part 71, as applicable, and the conditions specified below.

5.

(a) Packaging

(1) Model No.: BB-250-2

(2) Description

Inner container is 11-1/2" ID, 16-gage steel cylinder, 63-1/2" long, with bolted and gasketed top flange closure and seal welded bottom plate. Inner container is centered and supported in a 22-1/2" ID by minimum 74" long, 16-gage steel drum by 1/4" diameter spring steel rods and vermiculite. The outer cover is secured by either a 12-gage closure ring or six (6) 1-1/2" diameter bolts. Maximum weight of packaging and contents is approximately 650 pounds.

(3) Drawing

The BB-250 packaging is constructed in accordance with Babcock & Wilcox Drawing No. 10-F-771, Revision 5.

BB03090113 BB0304  
PDR ADDCK 07105768 PDR  
C

(b) Contents

(1) Type and form of material

- (i) Uranium oxide enriched to a maximum 4.0 w/o in the U-235 isotope. Chemically-bound or physically-bound water in mixtures is permitted. Slips or slurries that exhibit a visually discernible liquid second phase are prohibited.
- (ii) Bulk uranium oxide ( $UO_2$  or  $U_3O_8$ ) powder with a maximum density of 2 g U/cc and enriched to a maximum 5.0 w/o in the U-235 isotope. The maximum H/U atomic ratio, considering all sources of hydrogenous material within the inner container shall not exceed 1.13.
- (iii) Uranium compounds which will not decompose at temperatures up to 750°F. Uranium may be enriched to a maximum 5.0 w/o in the U-235 isotope. The maximum H/U atomic ratio, considering all sources of hydrogenous material within the inner container shall not exceed 1.5.
- (iv) Uranium oxide pellets, enriched to a maximum of 4.0 w/o in the U-235 isotope. The maximum H/U atomic ratio, considering all sources of hydrogenous material within the inner container, shall not exceed 3.0.

(2) Maximum quantity of material per package

- (i) For the contents described in 5(b)(1)(i):

Total contents not to exceed 200 pounds, with the U-235 content not to exceed 2.95 kg. The contents shall be contained within two (2), 9-3/4 inch diameter by 12 inch high sealed stainless steel cans. Empty stainless steel cans will be used to make up the remaining space within the inner container.

- (ii) For the contents described in 5(b)(1)(ii):

Total contents not to exceed 315 pounds, with the U-235 content not to exceed 6.25 kilograms. The contents shall be contained within 9-3/4-inch diameter by 12-inch high metal containers. Empty metal cans will be used to make up the remaining space within the inner container.

- (iii) For the contents described in 5(b)(1)(iii)

Total contents not to exceed 250 pounds, with the U-235 content not to exceed 5.0 kilograms. Four (4) steel drums containing not more than 1.3 kilograms U-235 each shall be packaged in the shipping insert within the inner container as shown in Westinghouse Electric Corporation Sketch SKA-252-1 and Drawing No. C7108D10. The steel drums shall be constructed in accordance with U.S. Military Standard MS 24347 with a maximum ID of 8.5" and a nominal height of 15.4".

- (iv) For the contents described in 5(b)(1)(iv):

Total contents not to exceed 250 pounds, with the U-235 content not to exceed 4.0 kilograms. The contents shall be transported in 9-3/4-inch diameter metal containers. Empty metal containers will be used to make up the remaining space within the inner container.

(c) Fissile Class

II and III

- (1) Minimum transport index to be shown on label for Fissile Class II.

(i) For the contents described in 5(b)(1)(i): 3.6

(ii) For the contents described in 5(b)(1)(ii), 5(b)(1)(iii), 5(b)(1)(iv): 0.5

- (2) Maximum number of packages per shipment for Fissile Class III

(i) For the contents described in 5(b)(1)(i): 30

(ii) For the contents described in 5(b)(1)(ii), 5(b)(1)(iii), 5(b)(2)(iv): 200

6. The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR §71.12.

7. Expiration date: July 31, 1988.

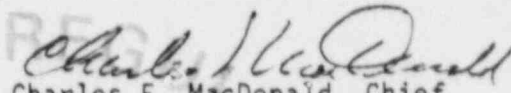
Page 4 - Certificate No. 5768 - Revision No. 9 - Docket No. 71-5768

REFERENCES

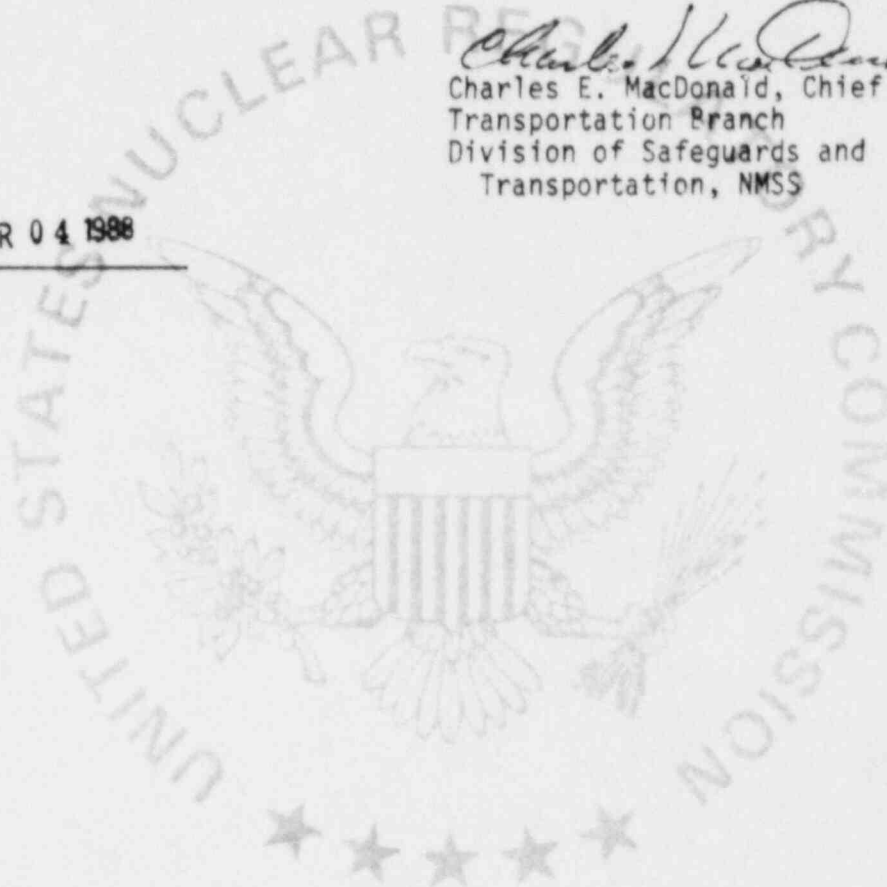
Babcock & Wilcox Company application dated January 29, 1982.

Supplements dated: August 6 and 20, 1982.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

  
Charles E. MacDonald, Chief  
Transportation Branch  
Division of Safeguards and  
Transportation, NMSS

Date: MAR 04 1988



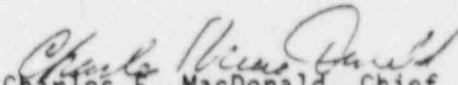


UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

Transportation Branch  
Approval Record  
Model No. 88-250-2  
Docket No. 71-5768  
Revision No. 9

By application dated February 15, 1988, Westinghouse Electric Corporation, requested renewal of Certificate of Compliance No. 5768 in the absence of a request for renewal from the present certificate holder, Babcock & Wilcox Company. Westinghouse Electric Corporation has been designated as the primary user of this packaging. No changes have been requested or made to the package since approval of the latest supplement dated August 20, 1982.

The certificate of compliance has been renewed until July 31, 1988 to provide the applicant time to submit a consolidated application in support of a request for renewal of the certificate for a full five year term.

  
Charles E. MacDonald, Chief  
Transportation Branch  
Division of Safeguards and  
Transportation, NMSS

Date: MAR 04 1988